Sheet	1	of	3

FORM PTO-1449

U.S. Dept. of Commerce Patent and Trademark Office

V	
Atty Docket No.	Serial No.
P1543R1	09/449,204
Applicant	
Dodge et al.	
Filing Date	Group

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date	Group
24 Nov 1999	1643

(Us	se sev	eral sheets if necessary	<i>(</i>)		24 Nov 1999	1643		
				U.S. PATENT DOCUMENTS				
Examiner nitials		Document Number	Date	Name	Class	Subclass	Filing	Date
Fr	1	5,270,163	14.12.93	Gold et al.				
1	2	5,475,096	12.12.95	Gold et al.				
M	3	5,496,938	05.03.96	Gold et al.				
p	4	5,631,146	20.05.97	Szostak et al.		+		
m	5	5,652,107	29.07.97	Lizardi et al.				
MA	6	5,688,670	18.11.97	Szostak et al.				
P	7	5,750,373	12.05.98	Garrard et al.				
n	8	5,928,907	27.07.99	Woudenberg et al.				
				FOREIGN PATENT DOCUMENT	rs			
Examiner Initials		Document Number	Date	Country	Class	Subclass	Transla Yes	ation No
n	9	WO 96/40991	19.12.96	PCT				
M	10	WO 97/38134	16.10.97	PCT				
N	11	WO 98/11210	19.03.98	PCT				
40		<u> </u>	OTHER DISC	LOSURES (Including Author, Title, Date	e, Pertinent Pages, etc	c.)		
m	12	Becker-Andre, M., 2:189-201 (1991)	"Quantitative	e evaluation of mRNA levels" Met	hods in Molecular	and Cellu	lar Biol	ogy
p	13	Chang and Huang, "A modified immuno-polymerase chain reaction for the detection of β-glucuronidase from Escherichia coli" <u>Journal of Immunological Methods</u> 208(1):35-42 (Oct 13, 1997)						
n	14	Charlton et al., "In vivo imaging of inflammation using an aptamer inhibitor of human neutrophil elastase" Chemistry and Biology 4(11):809-816 (Nov 1997)						
M	15	Conrad et al., "In vitro selection of nucleic acid aptamers that bind proteins" Methods in Enzymology 267:336-367 (1996)						
m	16							
n	17	,						
M	18							
M	19							
<i>/</i>	20							
(Y)	21							
W	22	Fasco et al., "Quality laser-induced flu	uantitative RN uorescence" <u>An</u>	A-polymerase chain reaction-DNA alytical Biochemistry 224(1):140)-147 (Jan 1, 1995	ilary elect	ropnores	ıs and
Examine	er	N			Date Considered 20 Jul	loc		
*Examir if not	ner: Ir in cor	nitial if reference consider informance and not con-	dered, whether or sidered. Include o	not citation is in conformance with MPEI copy of this form with next communication	P 609; draw line throun to applicant.	ugh citation		

USCOMM-DC 80-398.

Sheet	2	of	3
CHOOL		٠.	

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.	Serial No.
P1543R1	09/449,204
Applicant	

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Dodge et al.

Filing Date
24 Nov 1999

1643

,		<u> </u>	24 Nov 1999	1643			
	OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)						
M	23	Ferre, F., "Quantitative or semi-quantitative PCR: reality vers 2(1):1-9 (Aug 1992)	-v	Con Pan 'O			
m	24	Gibson et al., "A novel method for real time quantitative RT-PC 1996)		600			
D	25						
M	26	Griswold, W., "Theoretical analysis of the reaction of multivalent antigen with heterogeneous antibody: a model of soluble phase antibody assays" <u>Journal of Immunoassay</u> 8(1):145-171 (1987)					
Ar	27	Heid et al., "Real time quantitative PCR" Genome Research 6(10)					
M	28	Hendrickson et al., "High sensitivity multianalyte immunoassay polymerase chain reaction" <u>Nucleic Acids Research</u> 23(3):522-529	(Feb 11, 1995)				
a	29	Hnatowich et al., "Protein labelling via deoxyribonucleic acid Communications 17(1):66-75 (Jan 1996)					
Ŋ	30	Joerger et al., "Analyte detection with DNA-labeled antibodies Chemistry 41(9):1371-1377 (Sep 1995)					
Ø	31	Kawazoe et al., "Bioassay using a labeled oligonucleotide obtained by in vitro selection" <u>Biotechnology</u> <u>Progress</u> 13(6):873-874 (Nov-Dec 1997)					
ar	32	Kellogg et al., "Quantitation of HIV-1 proviral DNA relative to cellular DNA by the polymerase chain reaction" Analytical Biochemistry 189(2):202-208 (Sep 1990)					
P^	33	Lentz et al., "Detection of low copy number inversions in mouse genomic DNA with unidirectional PCR primers" Environmental & Molecular Mutagenesis 30(3):260-263 (1997)					
M	34	Lin and Jayasena, "Inhibition of multiple thermostable DNA polymerases by a heterodimeric aptamer" <u>Journal of Molecular Biology</u> 271(1):100-111 (Aug 8, 1997)					
n	35	Niemeyer et al., "Fluorometric polymerase chain reaction (PCR) enzyme-linked immunosorbent assay for quantification of immuno-PCR products in microplates" <u>Analytical Biochemistry</u> 246(1):140-145 (Mar 1, 1997)					
4/	36	Numata and Matsumoto, "Rapid detection of α-human atrial natriuretic peptide in plasma by a sensitive immuno-PCR sandwich assay" <u>Clinica Chimica Acta</u> 259(1-2):169-176 (Mar 18, 1997)					
N	37	O'Connor et al., "The dependence of the detection limit of reac affinity" <u>Biochemical Society Transactions</u> 23(2):393S (May 1995)	5)				
W	38	Pang et al., "High levels of unintegrated HIV-1 DNA in brain tissue of AIDS dementia patients" Nature 343(6253):85-89 (Jan 4, 1990)					
n	39	Piatak et al., "High levels of HIV-1 in plasma during all stages of infection determined by competitive PCR" <u>Science</u> 259(5102):1749-1754 (Mar 19, 1993)					
a	40	Piatak et al., "Quantitative competitive polymerase chain reaction for accurate quantitation of HIV DNA and RNA species" <u>Biotechniques</u> 14(1):70-81 (Jan 1993)					
4	41	Raeymaekers, L., "A commentary on the practical applications of competitive PCR" <u>Genome Research</u> 5(1):91-94 (Aug 1995)					
N	42	Rasmussen et al., "Quantitative PCR by continuous fluorescence specific binding dye" <u>Biochemica</u> 2:8-15 (1998)	monitoring of a doub	le strand DNA			
Examine	er er	m C	Date Considered	20ma/			
		1117		/ V (U/)/			

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Onco: or	Sheet	3	of	3
----------	-------	---	----	---

	IIIN II 5 anno 6
FORM PTO-1449	ATTENTION OF THE PARTY OF THE P
LIST OF DISCLOSURES CITED	BY APPEICENT

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.	Serial No.	
P1543R1	09/449,204	
Applicant		
Dodge et al.		
Filing Date	Group	
24 Nov 1999	1643	

LIST	OI DI	SOCOSONES ON ED D'I ALL LIGARI	Douge et al.			
/11	ادم دما	eral sheets if necessary)	Filing Date	Group		
(OSE SEVERAL STREETS II HECESSALTY)		24 Nov 1999	1643			
	OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
M	Ruzicka et al., "Immuno-PCR with a commercially available avidin system" Science 260(5108):698-699 (Apr 43 30, 1993)					
m	44	Sanna et al., "Rapid induction of tumor necrosis factor α in the intracerebroventricular injection of lipopolysaccharide revealed assay" Proc. Natl. Acad. Sci. USA 92(1):272-275 (Jan 3, 1995)	by a sensitive capt	ure immuno-PCR		
N	Sano et al., "Immuno-PCR: very sensitive antigen detection by means of specific antibody-DNA conjugates" Science 258(5079):120-122 (Oct 2, 1992)					
N	46					
M	47	Szostak et al., "In vitro genetics" <u>Trends in Biochemical Science</u>				
M	48	Tuerk and Gold, "Systematic evolution of ligands by exponential T4 DNA polymerase" <u>Science</u> 249(4968):505-510 (Aug 3, 1990)				
9	49	Williams et al., "Quantitative competitive polymerase chain reac the HIV-1 gag gene by capillary electrophoresis with laser-induc Biochemistry 236(1):146-152 (Apr 5, 1996)	ed fluorescence dete	ection" <u>Analytical</u>		
N	50	Zhou et al., "Universal immuno-PCR for ultra-sensitive target pr 21(25):6038-6039 (Dec 25, 1993)	otein detection. Nuc	cieic Acids Research		
		•				
-10						
Examine		(N	te Considered Jan			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

USCOMM-DC 80-398.